

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A transmission joint sealing ~~boot for use with an interconnecting shaft of a transmission joint, the transmission joint sealing boot assembly~~ comprising:  
  
    an interconnecting shaft including a first circumference; and  
  
    a body portion having a central inner cavity including a second circumference and an inner wall, said second circumference defined by [[an]] said inner wall, said ~~inner cavity~~ having a circumference second circumference being smaller than [[a]] said first circumference of [[an]] said interconnecting shaft so as to provide an interference fit, a first end having a mating surface connecting with the transmission joint and a second end disposed opposite said first end wherein said body portion is manufactured from a foam base material.
2. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is foam rubber.
3. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is a closed cell material.
4. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is a closed cell silicone material.
5. (Original) A transmission joint sealing boot as in claim 1 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said transmission joint.

6. (Original) A transmission joint sealing boot as in claim 1 wherein said foam based material has a density in a range from  $10 \text{ kg/m}^3$  to  $27 \text{ kg/m}^3$ .
7. (Original) A transmission joint sealing boot as in claim 1 wherein said foam based material is heat resistant to  $450^\circ \text{ Fahrenheit}$ .
8. (Currently Amended) A constant velocity joint ~~boot for use with a constant velocity joint and an interconnecting shaft, said constant velocity joint boot~~ assembly comprising:

an interconnecting shaft including a first circumference; and

a body portion having a central inner cavity including a second circumference and an inner wall, said second circumference defined by ~~[[an]]~~ said inner wall, ~~said inner cavity having a circumference~~ second circumference being smaller than [[the]] said first circumference of said interconnecting shaft so as to provide an interference fit, a first end having a mating surface contacting the constant velocity joint and a second end disposed opposite said first end and contacting said interconnecting shaft, wherein said body portion is manufactured from a foam based material~~[[.]]~~;

wherein said second end of said body portion includes at least one chamfer portion formed to facilitate entry of said interconnecting shaft into said central cavity.

9. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material is foam rubber.
10. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material is a closed cell material.
11. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material is a closed cell silicone material.

12. (Original) A constant velocity joint boot as in claim 7 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said constant velocity joint.
13. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material has a density in a range from  $10 \text{ kg/m}^3$  to  $27 \text{ kg/m}^3$ .
14. (Original) A constant velocity joint boot as in claim 7 wherein said foam based material is heat resistant to  $450^\circ$  Fahrenheit.
15. (Currently Amended) A constant velocity joint ~~boot for use with a constant velocity joint and an interconnecting shaft, said constant velocity joint boot~~ assembly comprising:  
  
an interconnecting shaft including a first circumference; and  
  
a body portion having a central inner cavity including a second circumference and an inner wall, said second circumference defined by [[an]] said inner wall, said ~~inner cavity~~ having a circumference second circumference being smaller than [[the]] said first circumference of said interconnecting shaft so as to provide an interference fit, an outer wall defining at least one convolute, said body portion also including a first end having a mating surface contacting the constant velocity joint and a second end disposed opposite said first end and contacting said interconnecting shaft, wherein said body portion is manufactured from a foam based material.
16. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is foam rubber.
17. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is a closed cell material.
18. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is a closed cell silicone material.

19. (Original) A constant velocity joint boot as in claim 15 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said constant velocity joint.
20. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material has a density in a range from  $10 \text{ kg/m}^3$  to  $27 \text{ kg/m}^3$ .
21. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is heat resistant to  $450^\circ$  Fahrenheit.
22. (Original) A transmission joint sealing boot as in claim 1 further including at least one chamfer portion formed on the second end of the body portion to facilitate entry of the interconnecting shaft into the central cavity.